

SPRING 2006 SCHEDULE

Workshops to Improve Productivity by Investing in Energy Efficiency

**Your energy costs can be reduced 10-20 percent or more by implementing industrial best practices!
Learn how by signing up for one or more of these BestPractice Workshops today!**

Workshop descriptions - See reverse for complete schedule of classes.

Fundamentals of Compressed Air Systems (Advanced Course Also Available)

Many industries use compressed air systems as power sources for tools and equipment. This initial class demonstrates how to compute the current cost of your plant's compressed air systems, measure and create a baseline of system performance, and determine the impact of different compressor control types. Learn how to achieve cost savings through more effective production and use of compressed air. *For complete course information:*

http://www.eere.energy.gov/industry/bestpractices/training_compressed_air.html

Fan System Assessment

This one-day workshop highlights the benefits of optimizing fan performance to reduce costs. It introduces use of the Fan System Assessment Tool (FSAT) software, where users can: determine system efficiency, identify degraded fans, collect data for trending system operation, and quantify potential cost and energy savings. *For complete course information:*

http://www.eere.energy.gov/industry/bestpractices/fan_systems.html

Motor Systems Management

Motor Systems Management training is designed to help facility personnel reduce energy costs and increase the reliability of their systems. This one day workshop covers inventory tracking, maintenance, repair, power quality, management of power transmission and driven loads as they relate to motor operation. Learn the basics of MotorMaster+ software tool to evaluate motor performance and repair. *For complete course information:*

http://www.eere.energy.gov/industry/bestpractices/motor_systems.html

Process Heating Assessment

Advanced technologies and operating practices offer significant savings opportunities in process heating, with the potential to reduce energy consumption an additional 5 to 25 percent in the next decade. This one-day workshop includes an introduction to process heating and the equipment used by the industry, discussions of combustion, heat transfer in furnaces, waste heat recovery. Also, students will be instructed in the use of the Process Heating Assessment and Survey Tool (PHAST) software. *For complete course information:*

http://www.eere.energy.gov/industry/bestpractices/training_process_heating.html

Pumping System Assessment

This one-day workshop covers practical issues involved in field measurements of fluid and electrical data. It offers an introduction to the Pumping System Assessment Tool (PSAT) software which is used to assess the performance of pump systems. Learn how the software functions, what data is required, how to use the software when measured data are not available, and what the assessment results mean. *For complete course information:*

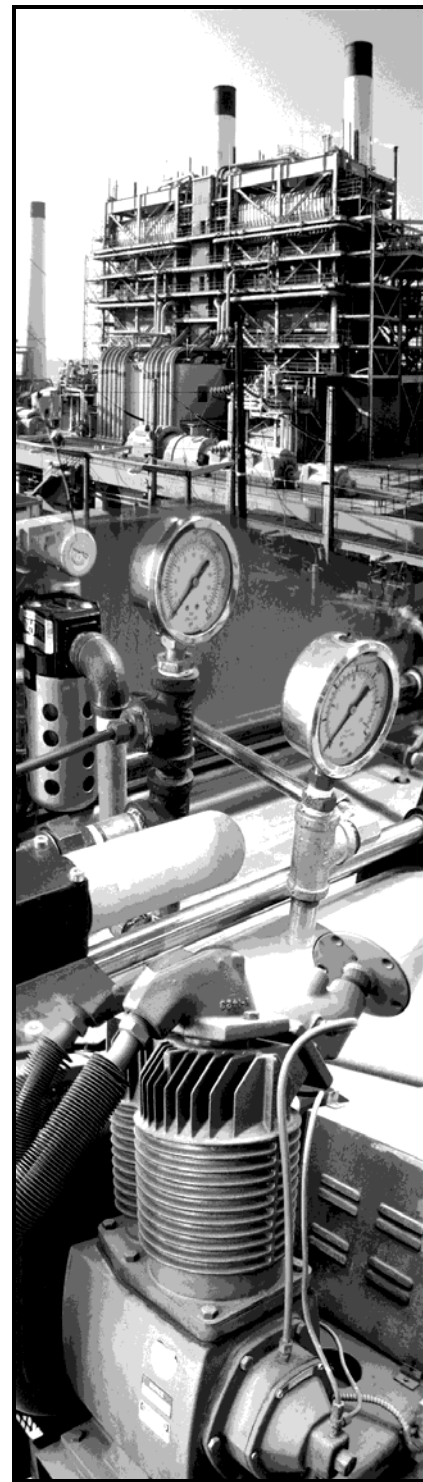
http://www.eere.energy.gov/industry/bestpractices/pumping_systems.html

Steam System Assessment

Many facilities can save energy through the installation of more efficient steam equipment. This one-day course covers methods of system efficiency and operation of typical steam systems. Covers material in steam generation efficiency, steam distribution system losses, and resource effectiveness. *For complete course information:*

http://www.eere.energy.gov/industry/bestpractices/steam_systems.html

See the reverse side for workshops in your area.



SPRING 2006

California BestPractice & Efficiency Training Workshops

Industrial BestPractice workshops & technical training sessions are targeted to maintenance supervisors, plant engineers, and industry personnel responsible for the operation or maintenance of these systems.

Date	Host	Course	To Register
Jan. 26	SoCalGas Downey, CA	Fundamentals of Compressed Air Level 1	http://seminars.socalgas.com
Jan. 31	SCE-CTAC Irwindale, CA	Fundamentals of Compressed Air Level 1	www.sce.com/ctac
Feb 2	SMUD Sacramento, CA	Fundamentals of Compressed Air Level 1	https://usage.smud.org/yourAccount/ETCstudent/
Feb. 8	SCE-CTAC Irwindale, CA	Steam System Assessment	www.sce.com/ctac
Mar. 7	SCE-CTAC Irwindale, CA	Pumping System Assessment	www.sce.com/ctac
May 2	SCE-AgTAC Tulare, CA	Pumping System Assessment	www.sce.com/agtac
May 16	SCE-CTAC Irwindale, CA	Motor Systems Management	www.sce.com/ctac
May 17	SCE-CTAC Irwindale, CA	Fan System Assessment	www.sce.com/ctac
May 19	SCE-AgTAC Tulare, CA	Motor Systems Management	www.sce.com/agtac
May 24-25	SMUD Sacramento, CA	Advanced Management of Compressed Air Systems Level 2	https://usage.smud.org/yourAccount/ETCstudent/
May 25	SoCalGas Downey, CA	Steam System Assessment	http://seminars.socalgas.com
Jun. 8	SCE-AgTAC Tulare, CA	Fundamentals of Compressed Air Level 1	www.sce.com/agtac
Jun. 15	SoCalGas Downey, CA	Process Heating Assessment	http://seminars.socalgas.com

Go to www.energy.ca.gov/process/index for latest course information.

Host Locations

Sacramento Municipal Utility District
Southern CA Gas Company
Southern CA Edison – CTAC
Southern CA Edison – AgTAC

6301 S Street
9240 Firestone Blvd.
6090 Irwindale Ave.
4175 S. Laspinas

Sacramento, CA 95812 (916) 732-5375
Downey, CA 90241 (562) 803-7570
Irwindale, CA 91702 (626) 812-7370
Tulare, CA 93274 (559) 625-7127

For General Information:

Industrial Energy Efficiency
California Energy Commission
1516 Ninth St. MS #42
Sacramento, CA 95814

vingraha@energy.state.ca.us
(916) 654-4044



These workshops are presented in partnership with industry and your local utility.

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U.S. Department of Energy

Energy Efficiency and Renewable Energy

Building a prosperous future where energy is clean, abundant, reliable, and affordable